# Table VII - A Applicable Limits and Compliance Monitoring Requirements S-1, GAS TURBINE #1 S-2, GAS TURBINE #2

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Menitering	Yes	No.
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		
NOx	BAAQMD	N	125 ppm	BAAQMD	С	CEM	x	
	9-3-303			1-520.1				
NOx	BAAQMD	N	9 ppmv @ 15% O2, dry	BAAQMD	С	CEM		
	9-9-			9-9-501			X	
	301.1.3							
NOx	SIP	Υ	9 ppmv @ 15% O2, dry	SIP 9-9-501	С	CEM	x	
	9-9-301.3							
NOx	BAAQMD	N	0.15 LB/MMBTU or 5 ppmv	BAAQMD 9-9-	С	CEM	x	
	9-9-301.2			501			^	
NOx	NSPS, 40	Υ	75 ppmv @ 15% O2, dry, 4-	NSPS 40 CFR	С	CEM		
	CFR		hour rolling average	60.334(c.)			x	
	60.332						^	
	(a)(1)	ļ 						
	1	Y	None	40 CFR 75.10	С	CEM	x	
NOx	BAAQMD	Υ	19.2 lb/hr for each	BAAQMD	С	CEM		
	condition		turbine/HRSG powertrain,	condition		·	x	
	#18310,		except during turbine	#18310, Part			*	
	part 20a		startup and shutdown	27b				
NOx	BAAQMD	Υ	19.2 lb/hr for each	BAAQMD	P/A	Source Test at		
	condition		turbine/HRSG powertrain,	condition		maximum load	x	
	#18310,		except during turbine	#18310, Part			^	
	part 20a		startup and shutdown	31				
NOx	BAAQMD	Y	0.00904 lb/MM BTU for	BAAQMD	С	CEM		
	condition		each turbine/HRSG	condition		į į		
	#18310,		powertrain, except during	#18310, Part		1	X	
	part 20a		turbine startup and	27b				
			shutdown					
NOx	BAAQMD	Y	0.00904 lb/MM BTU for	BAAQMD	P/A	Source Test at		
	condition		each turbine/HRSG	condition		maximum load		
	#18310,		powertrain, except during	#18310, Part			X	
	part 20a		turbine startup and	31				
			shutdown					

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре	163	
NOx	BAAQMD	Υ	2.5 ppmv, @ 15% O2, dry,	BAAQMD	P/A	Source Test at		
	condition		for each tubine/HRSG	condition		maximum load		
	#18310,		powertrain, 1-hr average	#18310, Part			X	
	part 20b		except during turbine	31		ĺ		
			startup and shutdown					
NOx	BAAQMD	Υ	2.5 ppmv, @ 15% O2, dry,	BAAQMD	С	CEM		
	condition		for each tubine/HRSG	condition				
	#18310,		powertrain, 1-hr average	#18310, Part			X	
	part 20b		except during turbine	27b				ļ
			startup and shutdown					
NOx	BAAQMD	Y	240 lb/gas turbine start-up	BAAQMD	С	CEM		
	condition			condition	i		v	
	#18310,			#18310, Part			х	
	part 21			27b				
NOx	BAAQMD	Υ	480 lb/hr during gas turbine	BAAQMD	С	CEM		
	condition		cold start-up or combustor	condition				
	#18310,		tuning period	#18310, Part			X	
	part 21			27b				
NOx	BAAQMD	Υ	80 lb/gas turbine shutdown	BAAQMD	С	CEM		
	condition			condition			••	
	#18310,		:	#18310, Part			X	
	part 21			27b				
NOx	BAAQMD	Υ	1362.6 lb/day for S-1, S-3	BAAQMD	С	CEM		
	condition		Gas Turbines and S-2, S-4	condition			.,	
	#18310,		HRSGs, combined	#18310, Part			X	
	part 24a			27b				
NOx	BAAQMD	Υ	123.4 ton/yr for S-1, S-3	BAAQMD	С	CEM		
	condition		Gas Turbines and S-2, S-4	condition				
	#18310,		HRSGs, combined	#18310, Part			X	
	part 25a		(including emissions from	27b				
			commissioning period)					
со	BAAQMD	Υ	18.7 lb/hr, for each	BAAQMD	P/A	Source Test at		
	condition		turbine/HRSG powertrain,	condition		maximum load	••	
	#18310,		except during turbine	#18310, Part		and minimum	X	
	part 20c		startup and shutdown	31		load		
со	BAAQMD	Y	18.7 lb/hr, for each	BAAQMD	С	CEM		
	condition		turbine/HRSG powertrain,	condition				
	#18310,		except during turbine	#18310, Part			X	
	part 20c		startup and shutdown	27b				

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring -	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		
со	BAAQMD	Y	0.0088 lb/MM BTU for each	BAAQMD	P/A	Source Test at		
	condition		turbine/HRSG powertrain,	condition		maximum load	X	
	#18310,		except during turbine	#18310, Part		and minimum		
	part 20d		startup and shutdown	31		load		
со	BAAQMD	l Y	0.0088 lb/MM BTU for each	l baaqmd I	С	CEM		
	condition		turbine/HRSG powertrain,	condition			x	
	#18310,		except during turbine	#18310, Part				
	part 20d		startup and shutdown	27b				
co	BAAQMD	Y	4 ppmv @ 15% O2, dry, for	BAAQMD	P/A	Source Test at		
	condition		each turbine/HRSG	condition		maximum load		
	#18310,		powertrain, 3-hr average,	#18310, Part		and minimum	X	
	part 20d		except during turbine	31		load		
			startup and shutdown					
со	BAAQMD	Υ	4 ppmv @ 15% O2, dry, for	BAAQMD	С	CEM		
	condition		each turbine/HRSG	condition				
	#18310,		powertrain, 3-hr average,	#18310, Part			X	
	part 20d		except during turbine	2 <b>7</b> b				
			startup and shutdown					
со	BAAQMD	Υ	4 ppmv @ 15% O2, dry, for	40 CFR 64.3	At least 4	CEM		
	condition		each turbine/HRSG	(b)(4)(ii)	times per			
	#18310,		powertrain, 3-hr average,		hour		х	•
	part 20d		except during turbine	ļ	(CAM Plan)			
			startup and shutdown					
со	BAAQMD	Υ	2,514 lb/gas turbine startup	BAAQMD	С	CEM		
	condition			condition				
	#18310,			#18310, Part			X	
	part 21			27b				
со	BAAQMD	Y	5028 lb/hr during gas	BAAQMD	С	CEM		
	condition		turbine cold start-up or	condition	•			
	#18310,		combustor tuning period	#18310, Part			X	
	part 21			27b				
со	BAAQMD	Υ	902 lb/gas turbine	BAAQMD	С	CEM		
	condition	'	shutdown	condition				
	#18310,		3	#18310, Part		ŀ	X	
	part 21			27b				
со	BAAQMD	Υ	7,891.1 lb/day for S-1, S-3	BAAQMD	С	CEM		<u> </u>
	condition	'	gas turbines and S-2, S-4	condition		CLIVI		
			I -				x	
	#18310,		HRSGs, combined	#18310, Part				
	part 24b	<u> </u>		27b				

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	ŀ		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		
со	BAAQMD	Y	588 ton/yr for S-1, S-3 gas	BAAQMD	С	CEM		
	condition		turbines and S-2, S-4	condition				
	#18310,		HRSGs, combined (includes	#18310, Part			X	
	part 25b	ĺ	emissions from	27b				
			commissioning period)					
CO <sub>2</sub>		ĮΥ	None	40 CFR 75.10	C	fuel flow		ĺ
						monitor and	x	
						CO2		
						calculation		ļ <u></u>
SO <sub>2</sub>	BAAQMD	Υ	GLC <sup>1</sup> of 0.5 ppm for 3 min		N			
	9-1-301	i	or 0.25 ppm for 60 min or				X	 
			0.05 ppm for 24 hours					
SO₂	BAAQMD	Υ	300 ppm (dry)		N			
	9-1-302						X	į
SO₂	NSPS	Υ	0.015% (vol.)	NSPS 40 CFR	N			
_	40 CFR		@ 15% O <sub>2</sub> (dry)	60.334(h)			х	
	60.333(a)			, ,				
SO <sub>2</sub>	NSPS	Υ	Total sulfur content of fuel	NSPS 40 CFR	P/M	Fuel sulfur		
	40 CFR		not to exceed 0.8 percent	60.334(h)(3)(i	•	content testing		
	60.333(b)		by weight (8000 ppmw)	i) and				
	,			BAAQMD	•		x	
				condition				
	İ			#18310, Part				
				45		<u> </u>		
SO <sub>2</sub>	1	Υ	None	40 CFR 75.11,	P/A	Fuel		
302		'	None	40 CFR 75,	',''	measurements		
				Appendix D,		, calculations	X	
				part 2.3		, calculations		
SO2	BAAQMD	Y	1.28 lb/hr, for each	BAAQMD	P/A	Source test at		
302	condition	'	turbine/HRSH powertrain	condition	'/``	maximum load		
	#18310,		tarbine//marr power train	#18310, part		, maximum load	X	
	part 20g			31				
SO2	BAAQMD	Υ	1.28 lb/hr, for each	BAAQMD	P/D	Records,		
302	condition	'		condition		calculations		1
	li .		turbine/HRSH powertrain	!!		Calculations	X	
	#18310,			#18310, part		1		
	part 20g	<u></u>	0.000011-/1-000011-6	28	5,4	6		-
SO2	BAAQMD	Y	0.0006lb/MM BTU, for	BAAQMD	P/A	Source test at		
	condition		each turbine/HRSG	condition		maximum load	X	
	#18310,		powertrain	#18310, part			^	
	part 20g	<u> </u>	<u></u>	31	<u> </u>	<u> </u>		<u> </u>

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		
SO2	BAAQMD	Υ	0.0006lb/MM BTU, for	BAAQMD	P/D	Records,		
	condition		each turbine/HRSG	condition		calculations	x	
	#18310,		powertrain	#18310, part	,		•	
	part 20g			28				
503	BAAQMD	Υ	57.9 lb/day for each	BAAOMD	P/D	Records,		
	condition		turbine/HRSG powertrain	condition		calculations	x	
	#18310,			#18310, part			^	
	part 24e			28				
SO2	BAAQMD	Υ	10.6 ton /yr for each	BAAQMD	P/D	Records,		
	condition		turbine/HRSG powertrain	condition		calculations	x	
	#18310,		(includes emissions from	#18310, part			^	
	part 25e		commissioning period)	28				
Opacity	BAAQMD	N	> Ringelmann No. 1 for no		N			
	6-1-301		more than 3 minutes in any				X	
			hour					
Opacity	SIP 6-301	γ	> Ringelmann No. 1 for no		N			
			more than 3 minutes in any				X	
			hour					
FP	BAAQMD	N	0.15 grain/dscf @ 6% O2		N		v	
	6-1-310.3						х	
FP	SiP 6-	Υ	0.15 grain/dscf @ 6% O2		N		.,	
	310.3	l					Х	
PM <sub>10</sub>	BAAQMD	Υ	9 lb/hr, for each	BAAQMD	P/A	Source test at		
	condition		turbine/HRSG powertrain	condition		maximum load	v	
	#18310,			#18310, part			X	
	part 20h			31				
PM <sub>10</sub>	BAAQMD	Y	0.00452 lb/MM BTU, for	BAAQMD	P/A	Source test at		
	condition		each turbine/HRSG	condition		maximum load	v	
	#18310,		powertrain	#18310, part		!	X	
	part 20h			31				
PM <sub>10</sub>	BAAQMD	Y	510 lb/day for S-1, S-3 Gas	BAAQMD	P/D	Records,		
	condition		turbines and S-2, S-4	condition		calculations		
	#18310,		HRSGs, combined	#18310, part			X	
	part 24d	<u></u>		28				
PM <sub>10</sub>	BAAQMD	Υ	83.34 ton/yr for S-1, S-3	BAAQMD	P/D	Records,		
	condition		Gas turbines and S-2, S-4	condition		calculations		
	#18310,		HRSGs, combined	#18310, part			x	
	part 25d		(including emissions from	28				
			commissioning period)		1		•	

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		
POC	BAAQMD	Y	2.7 lb/hr (as CH4) for each	BAAQMD	P/A	Source test at		
	condition		turbine/HRSG powertrain	condition		maximum load	x	
	#18310,		except during turbine	#18310, part				
	part 20f		startup and shut down	31				
POC	BAAQMD	Ιγ	0.00126 lb/MM BTU (as	BAAQMD	P/A	Source test at		
	condition		CH4) for each	condition		maximum load		
	#18310,		turbine/HRSG powertrain	#18310, part			X	
	part 20f		except during turbine	31				
			startup and shut down					
POC	BAAQMD	Y	48 lb/gas turbine startup	BAAQMD	P/D	Records,		
	condition	l		condition		calculations	x	
	#18310,			#18310, part			^	
	part 21			28				
POC	BAAQMD	Υ	16 lb/gas turbine shutdown	BAAQMD	P/D	Records,		
	condition			condition		calculations	v	
	#18310,			#18310, part			Х	
	part 21			28				
POC	BAAQMD	Υ	96 lb/hr during gas turbine	BAAQMD	P/D	Records,		
	condition		cold start up or combustor	condition		calculations	.,	
	#18310,		tuning period	#18310, part			X	
	part 21			28				
POC	BAAQMD	Υ	230.2 lb/day (as CH4) for S-	BAAQMD	P/D	Records,		
	condition		1, S-3 gas turbines and S-2,	condition		calculations		
	#18310,		S-4 HRSGs, combined	#18310, part			X	
	part 24c			28				
POC	BAAQMD	γ	28 ton/yr ) for S-1, S-3 gas	BAAQMD	P/D	Records,		
	condition		turbines and S-2, S-4	condition		calculations		
	#18310,		HRSGs, combined	#18310, part			X	
	part 25c		(including emissions from	28				
			commissioning period)					
NH₃	BAAQMD	N	5 ppmv, @ 15% O2 dry,	BAAQMD	С	Ammonia		
-	condition		averaged over 3 hrs for	condition		injection rate		
	#18310,		each turbine/HRSG	#18310, part		monitor		
	part 20e		powertrain, except during	27c			X1	
			turbine startup and					
			shutdown					

<sup>&</sup>lt;sup>1</sup> See Appendix 1

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		
Formal-	BAAQMD	N	3796 lb/yr for S-1, S-3 gas	BAAQMD	P/D	Records,		
dehyde	condition		turbines and S-2, S-4	condition		calculations	x	
	#18310,		HRSGs, combined	#18310, part			^	
	part 26a			29				
Formal-	BAAQMD	N	3796 lb/yr for S-1, S-3 gas	BAAQMD	P/every two	Source Test		
dehyde	condition		turbines and S-2, S-4	condition	years on P-1		v	
	#18310,		HRSGs, combined	#18310, part	or P-2		X	
	part 26a			33				
Benzene	BAAQMD	N	480 lb/yr for S-1, S-3 gas	BAAQMD	P/D	Records,		
,	condition		turbines and S-2, S-4	condition		calculations		
	#18310,		HRSGs, combined	#18310, part			Х	
	part 26b			29				
Benzene	BAAQMD	N	480 lb/yr for S-1, S-3 gas	BAAQMD	P/every two	Source Test		
	condition	i	turbines and S-2, S-4	condition	years on P-1			
	#18310,		HRSGs, combined	#18310, part	or P-2		X	
	part 26b			33				
Specific	BAAQMD	N	22.8 lb/yr for S-1, S-3 gas	BAAQMD	P/D	Records,		
PAH	condition		turbines and S-2, S-4	condition		calculations		
Compounds	#18310,		HRSGs, combined	#18310, part			X	
	part 26c			29				
Specific	BAAQMD	N	22.8 lb/yr for S-1, S-3 gas	BAAQMD	P/every two	Source Test		
PAH	condition		turbines and S-2, S-4	condition	years on P-1			
Compounds	#18310,		HRSGs, combined	#18310, part	or P-2		X	
	part 26c			33				
Heat input	BAAQMD	Υ	2,124 MM BTU/hr (HHV), 3-	BAAQMD	С	Fuel meter,		
limit	condition		hr average for each	condition		firing monitor,		
	#18310,		turbine/HRSG powertrain	#18310, part		calculations	Х	
	part 14	ļ	,	27a				
Heat input	BAAQMD	γ	49,908 MM BTU/calendar	BAAQMD	С	Fuel meter,		
limit	condition		day (HHV), for each	condition		firing monitor,		
	#18310,		turbine/HRSG powertrain	#18310, part		calculations	X	
	part 15			27a				
Heat input	BAAQMD	Υ	35,274,060 MM BTU/yr	BAAQMD	С	Fuel meter,		
limit	condition		(HHV) for S-1, S-3 gas	condition		firing monitor,		
	#18310,		turbines and S-2, S-4	#18310, part	İ	calculations	X	İ
	part 16		HRSGs, combined	27a				

				Monitoring	Monitoring		Comp	liance
Type of Limit	Citation of Limit	FE Y/N	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
Cold Start-	BAAQMD	Υ	30 firing hours per year for	BAAQMD	P/E	Recordkeeping		
Up,	condition		S-1 and S-3 gas turbines,	condition				
Combustor	#18310,		combined for purposes of	#18310, part			x	
Tuning	part 48		cold start-up or combustor	49				
Firing Limit			tuning					

## Table VII - B Applicable Limits and Compliance Monitoring Requirements S-3, HEAT RECOVERY STEAM GENERATOR #1 S-4, HEAT RECOVERY STEAM GENERATOR #2

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре	163	110
NOx	BAAQMD	N	9 ppmv @ 15% O2, dry	BAAQMD	C	CEM		
	9-9-301.1.3			9-9-501			Х	
NOx	SIP	Υ	9 ppmv @ 15% O2, dry	SIP 9-9-501	С	CEM	х	
	9-9-301.3							
NOx	BAAQMD	N	0.15 LB/MMBTU or 5 ppmv	BAAQMD 9-9-501	С	CEM	x	
	9-9-301.2						^	
NOx	NSPS, 40	Υ	0.2 lb/ MM BTU except,	NSPS 40 CFR	С	CEM		
	CFR 60.44b		during start-up, shutdown or	60.48b (b)(2) and				
	(a)(4)(i)		malfuntion	BAAQMD			x	
			:	Condition				
				#18310, part 27b				
NOx	NSPS, 40	Υ	75 ppmv @ 15% O2, dry, 4-	NSPS 40 CFR	С	CEM		
	CFR 60.332		hour rolling average	60.334(c.) and				
	(a)(1)			BAAQMD			x	
				Condition				
				#18310, part 27b				
NOx		Υ	None	40 CFR 75.10	С	CEM	х	
NOx	BAAQMD	Υ	19.2 lb/hr for each	BAAQMD	С	CEM		
	condition		turbine/HRSG powertrain,	condition				
	#18310,		except during turbine	#18310, Part 27b	!		X	
	part 20a		startup and shutdown					
NOx	BAAQMD	Υ	19.2 lb/hr for each	BAAQMD	P/A	Source Test		
	condition		turbine/HRSG powertrain,	condition		at maximum	••	
	#18310,		except during turbine	#18310, Part 31		load	X	
	part 20a		startup and shutdown					
NOx	BAAQMD	Υ	0.00904 lb/MM BTU for	BAAQMD	С	CEM		
	condition		each turbine/HRSG	condition				
	#18310,		powertrain, except during	#18310, Part 27b			x	
	part 20a		turbine startup and					
			shutdown					

				Monitoring	Monitoring		Com	oliance
Type of	Citation of	FE		Requirement	Frequency	Monitoring _	Yes	No
Limit	Limit	Y/N	Limit	Citation	{P/C/N}	Туре	163	
NOx	BAAQMD	Y	0.00904 lb/MM BTU for	BAAQMD	P/A	Source Test		
	condition		each turbine/HRSG	condition		at maximum		
	#18310,		powertrain, except during	#18310, Part 31		load	X	
	part 20a		turbine startup and					
		 	shutdown		ļ			
NOx	BAAQMD	Y	2.5 ppmv, @ 15% O2, dry,	BAAQMD	P/A	Source Test		
	condition		for each tubine/HRSG	condition	Ì	at maximum		
	#18310,		powertrain, 1-hr average	#18310, Part 31		load	X	
	part 20b		except during turbine					
			startup and shutdown					
NOx	BAAQMD	Y	2.5 ppmv, @ 15% O2, dry,	BAAQMD	С	CEM		
	condition		for each tubine/HRSG	condition				
	#18310,		powertrain, 1-hr average	#18310, Part 27b			X	
	part 20b		except during turbine			:		
			startup and shutdown					
NOx	BAAQMD	Y	1362.6 lb/day for S-1, S-3	BAAQMD	С	CEM		
	condition		Gas Turbines and S-2, S-4	condition			x	
	#18310,		HRSGs, combined	#18310, Part 27b	ĺ		^	
	part 24a							
NOx	BAAQMD	Y	123.4 ton/yr for S-1, S-3 Gas	BAAQMD	С	CEM		
	condition		Turbines and S-2, S-4 HRSGs,	condition				
	#18310,		combined (including	#18310, Part 27b			X	
	part 25a		emissions from					
			commissioning period)					
CO	BAAQMD	Υ	18.7 lb/hr, for each	BAAQMD	P/A	Source Test		
	condition		turbine/HRSG powertrain,	condition		at maximum		
	#18310,		except during turbine	#18310, Part 31		load and	X	
	part 20c		startup and shutdown			minimum		
						load		
со	BAAQMD	Υ	18.7 lb/hr, for each	BAAQMD	С	CEM		
	condition		turbine/HRSG powertrain,	condition				
	#18310,		except during turbine	#18310, Part 27b			x	
	part 20c		startup and shutdown					
со	BAAQMD	Υ	0.0088 lb/MM BTU for each	BAAQMD	P/A	Source Test		
	condition		turbine/HRSG powertrain,	condition		at maximum		
	#18310,		except during turbine	#18310, Part 31		load and	x	
	part 20d		startup and shutdown			minimum		
						load		

				Monitoring	Monitoring		Comp	liance
Type of Limit	Citation of Limit	FE Y/N	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
CO	BAAQMD	Y Y	0.0088 lb/MM BTU for each	BAAQMD	( <b>P/C/N</b> )	CEM		
co	condition	•	turbine/HRSG powertrain,	condition	(	CEIVI		
	#18310,		except during turbine	#18310, Part 27b				
	part 20d		startup and shutdown	#10510,1 01(270			X	
	part 250		stattap and shataban		•			
со	BAAQMD	Υ	4 ppmv @ 15% O2, dry, for	BAAQMD	P/A	Source Test		
	condition		each turbine/HRSG	condition		at maximum		
	#18310,		powertrain, 3-hr average,	#18310, Part 31		load and	X	
	part 20d		except during turbine			minimum		
			startup and shutdown			load		
co	BAAQMD	Y	4 ppmv @ 15% O2, dry, for	BAAQMD	С	CEM		
	condition		each turbine/HRSG	condition				
	#18310,		powertrain, 3-hr average,	#18310, Part 27b			x	
	part 20d		except during turbine					
	1		startup and shutdown					
со	BAAQMD	Y	7,891.1 lb/day for S-1, S-3	BAAQMD	С	CEM		
	condition		gas turbines and S-2, S-4	condition			x	
	#18310,		HRSGs, conibined	#18310, Part 27b			^	
	part 24b							
со	BAAQMD	Y	588 ton/yr for S-1, S-3 gas	BAAQMD	С	CEM		
	condition		turbines and S-2, S-4 HRSGs,	condition				
	#18310,		combined (includes	#18310, Part 27b			x	
	part 25b		emissions from					
			commissioning period)					
CO <sub>2</sub>		Y	None	40 CFR 75.10	С	fuel flow		
					1	monitor and	v	
						CO2	X	
						calculation		
SO <sub>2</sub>	BAAQMD	Υ	GLC <sup>1</sup> of 0.5 ppm for 3 min or		N			
	9-1-301		0.25 ppm for 60 min or 0.05				x	
			ppm for 24 hours					
SO <sub>2</sub>	BAAQMD	Υ	300 ppm (dry)		N		v	
	9-1-302						х	
SO₂	NSPS	Υ	0.015% (vol.)	NSPS 40 CFR	N			
	40 CFR		@ 15% O₂ (dry)	60.334(h)			x	
	60.333(a)							

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Vac	No.
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре	Yes	No
SO <sub>2</sub>	NSPS	Υ	Total sulfur content of fuel	NSPS 40 CFR	P/M	Fuel sulfur		
	40 CFR		not to exceed 0.8 percent by	60.334(h)(3)(ii)		content		
	60.333(b)		weight (8000 ppmw)	and BAAQMD		testing	X	
				condition				
	-	<u> </u>		#18310, Part 45				
SO <sub>2</sub>		Y	None	40 CFR 75.11, 40	P/A	Fuel		
	1			CFR 75, Appendix		measureme	x	
				D, part 2.3		nts,	^	
						calculations		
SO2	BAAQMD	Y	1.28 lb/hr, for each	BAAQMD	P/A	Source test		
	condition		turbine/HRSH powertrain	condition		at maximum	v	
	#18310,			#18310, part 31		load	X	
	part 20g							
SO2	BAAQMD	Υ	1.28 lb/hr, for each	BAAQMD	P/D	Records,		
	condition		turbine/HRSH powertrain	condition		calculations	v	
	#18310,			#18310, part 28			Х	
	part 20g							
SO2	BAAQMD	Υ	0.0006lb/MM BTU, for each	BAAQMD	P/A	Source test		
	condition	İ	turbine/HRSG powertrain	condition		at maximum		
	#18310,	ļ		#18310, part 31		load	X	
	part 20g							
SO2	BAAQMD	Υ	0.0006lb/MM BTU, for each	BAAQMD	P/D	Records,		
	condition		turbine/HRSG powertrain	condition		calculations	.,	
	#18310,			#18310, part 28			X	
	part 20g							
SO2	BAAQMD	Y	57.9 lb/day for each	BAAQMD	P/D	Records,		
	condition		turbine/HRSG powertrain	condition		calculations	v	
	#18310,			#18310, part 28			Х	
	part 24e							
SO2	BAAQMD	Y	10.6 ton /yr for each	BAAQMD	P/D	Records,		
	condition		turbine/HRSG powertrain	condition		calculations		1
	#18310,		(includes emissions from	#18310, part 28			X	
	part 25e		commissioning period)					
Opacity	BAAQMD	N	> Ringelmann No. 1 for no		N			]
	6-1-301		more than 3 minutes in any		İ		x	
			hour					
Opacity	SIP 6-301	Υ	> Ringelmann No. 1 for no		N			
			more than 3 minutes in any				X	1
			hour					

				Monitoring	Monitoring	_	Compliance	
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре	res	NO
FP	6-1-310.3	N	0.15 grain/dscf @ 6% O2		N		x	
FP	SIP 6-310.3	Υ	0.15 grain/dscf @ 6% O2		N		х	
PM	NSPS 40 CFR 60.42a (b)	Ÿ	< 20% opacity, 6 minute average, except one six minute period/hr up to 27% opacity		N		х	
PM <sub>10</sub>	BAAQMD condition #18310, part 20h	Y	9 lb/hr, for each turbine/HRSG powertrain	BAAQMD condition #18310, part 31	P/A	Source test at maximum load	x	
PM <sub>10</sub>	BAAQMD condition #18310, part 20h	Y	0.00452 lb/MM BTU, for each turbine/HRSG powertrain	BAAQMD condition #18310, part 31	P/A	Source test at maximum load	x	
PM <sub>10</sub>	BAAQMD condition #18310, part 24d	Y	510 lb/day for S-1, S-3 Gas turbines and S-2, S-4 HRSGs, combined	BAAQMD condition #18310, part 24	P/D	Records, calculations	x	
PM <sub>10</sub>	BAAQMD condition #18310, part 25d	Y	83.34 ton/yr for S-1, S-3 Gas turbines and S-2, S-4 HRSGs, combined (including emissions from commissioning period)	BAAQMD condition #18310, part 25	P/D	Records, calculations	x	
POC	BAAQMD condition #18310, part 20f	Y	2.7 lb/hr (as CH4) for each turbine/HRSG powertrain except during turbine startup and shut down	BAAQMD condition #18310, part 31	P/A	Source test at maximum load	x	
POC	BAAQMD condition #18310, part 20f	Y	0.00126 lb/MM BTU (as CH4) for each turbine/HRSG powertrain except during turbine startup and shut down	BAAQMD condition #18310, part 31	P/A	Source test at maximum load	x	
POC	BAAQMD condition #18310, part 24c	Y	230.2 lb/day (as CH4) for S- 1, S-3 gas turbines and S-2, S-4 HRSGs, combined	BAAQMD condition #18310, part 28	P/D	Records, calculations	x	

				Monitoring	Monitoring		Compliance	
Type of	Citation of	FE		Requirement	Frequency	Monitoring		
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре	Yes	No
POC	BAAQMD	Y	28 ton/yr ) for S-1, S-3 gas	BAAQMD	P/D	Records,		
	condition		turbines and S-2, S-4 HRSGs,	condition		calculations		
	#18310,		combined (including	#18310, part 28			X	
	part 25c		emissions from					
			commissioning period)		<u></u>			
NH₃	BAAQMD	N	5 ppmv, @ 15% O2 dry,	BAAQMD	С	Ammonia		
	condition		averaged over 3 hrs for each	condition		injection		
	#18310,		turbine/HRSG powertrain,	#18310, part 27c		rate monitor	X	
	part 20e		except during turbine					
			startup and shutdown					
Formalde-	BAAQMD	N	3796 lb/yr for S-1, S-3 gas	BAAQMD	P/D	Records,		
hyde	condition		turbines and S-2, S-4 HRSGs,	condition		calculations		
	#18310,		combined	#18310, part 29			x	
	part 26a							
Formalde-	BAAQMD	N	3796 lb/yr for S-1, S-3 gas	BAAQMD	P/every	Source Test		
hyde	condition		turbines and S-2, S-4 HRSGs,	condition	two years		••	
	#18310,		combined	#18310, part 33	on P-1 or		X	
	part 26a				P-2			
Benzene	BAAQMD	N	480 lb/yr for S-1, S-3 gas	BAAQMD	P/D	Records,		
	condition		turbines and S-2, S-4 HRSGs,	condition		calculations	••	
	#18310,		combined	#18310, part 29			X	
	part 26b							
Benzene	BAAQMD	N	480 lb/yr for S-1, S-3 gas	BAAQMD	P/every	Source Test		
	condition		turbines and S-2, S-4 HRSGs,	condition	two years		.,	
	#18310,		combined	#18310, part 33	on P-1 or		X	
	part 26b				P-2			
Specific PAH	BAAQMD	N	22.8 lb/yr for S-1, S-3 gas	BAAQMD	P/D	Records,		
Compounds	condition		turbines and S-2, S-4 HRSGs,	condition		calculations	••	
	#18310,		combined	#18310, part 29			X	
	part 26c							
Specific PAH	BAAQMD	N	22.8 lb/yr for S-1, S-3 gas	BAAQMD	P/every	Source Test		
Compounds	condition		turbines and S-2, S-4 HRSGs,	condition	two years		••	
	#18310,		combined	#18310, part 33	on P-1 or		X	
	part 26c				P-2			
Heat input	BAAQMD	Υ	2,124 MM BTU/hr (HHV), 3-	BAAQMD	С	Fuel meter,		
limit	condition		hr average for each	condition		firing	••	
	#18310,		turbine/HRSG powertrain	#18310, part 27a		monitor,	X	
	part 14					calculations		

Type of Limit	Citation of Limit	FE Y/N	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
							Yes	No
Heat input	BAAQMD	Υ	49,908 MM BTU/calendar	BAAQMD	С	Fuel meter,		
limit	condition		day (HHV), for each	condition		firing	x	
	#18310,		turbine/HRSG powertrain	#18310, part 27a		monitor,	^	
	part 15					calculations		
Heat input	BAAQMD	Υ	35,274,060 MM <u>BTU/</u> yr	BAAQMD	С	Fuel meter,		
limit	condition		(HHV) for S-1, S-3 gas	condition		firing	u	
	#18310,		turbines and S-2, S-4 HRSGs,	#18310, part 27a		monitor,	X	
	part 16		combined			calculations		
Prohibited	BAAQMD	Υ	Each HRSG duct burner may	BAAQMD	С	Fuel meter,		
firing	condition		not be fired unless its	condition		firing		
	#18310,		associated gas turbine is	#18310, part 27a		monitor,	X	
	part 17		being fired			calculations		

#### $\mbox{ Table VII - C} \label{eq:condition} \mbox{ Applicable Limits and Compliance Monitoring Requirements} \\ \mbox{ S-5 Cooling Tower} \mbox{ }$

Town of Charles of			Monitoring	Monitoring		Compliance		
Type of Limit	Citation of Limit	FE Y/N	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
Opacity	EAAQMD 6-1-301	N	>Ringelmann No.1 for no more than 3 minutes in any hour		N		x	
FP	BAAQMD 6-1-310	N	0.15 gr/dscf		N		х	
Opacity	SIP 6-301	Y	>Ringelmann No.1 for no more than 3 minutes in any hour		N		x	
FP	SIP 6-310	Υ	0.15 gr/dscf		N		x	
Drift Rate	BAAQMD Condition #18310, part 46	Y	0.0005%	BAAQMD Condition #18310, part 46	P	Initial Source Test	x	
Total Dissolved Soilds	BAAQMD Condition #18310, part 46	Y	5438 ppmw (mg/l)	BAAQMD Condition #18310, part 46	P/D	Sampling and Testing of cooling tower water	x	